

WHAT IS CLAIMED IS:

1. A slide bearing comprising: a matrix made of a metal; and a slide layer formed on a predetermined surface of the matrix and having a bearing surface which slides with a shaft member, wherein the matrix has a contact surface which performs one of rolling and sliding over a mating member and the matrix is made of an Fe-based sintered metal material.

2. The slide bearing according to claim 1, wherein a surface of the matrix on which the slide layer is formed has a surface opening ratio of 20 to 50%.

3. The slide bearing according to claim 1 or 2, wherein a product of (linear expansion coefficient of slide material composition forming slide layer) and (thickness of slide layer) of the slide layer is 0.15 or less.

4. The slide bearing according to any one of claims 1 to 3, wherein the slide material composition forming the slide layer comprises a lubricant.

5. The slide bearing according to claim 4, wherein the slide material composition forming the slide layer further comprises a porous silica impregnated with a lubricant.

6. The slide bearing according to claim 5, wherein the porous silica is a globular porous silica having interconnected pores.

7. The slide bearing according to claim 6, wherein the globular porous silica has an average particle diameter of 0.5 to 100 μm .

8. The slide bearing according to any one of claims 1 to 7, wherein a base material of the slide material composition forming the slide layer is polyethylene resin.

9. The slide bearing according to any one of claims 4 to 8, wherein the lubricant is silicone oil.

10. A cam follower comprising: a shaft member cantilevered at one end; and the slide bearing according to any one of claims 1 to 9 fitted onto the shaft member.